

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Original) Color-changing apparatus for a light assembly having a light source that generates a light beam in at least an axial direction, said color-changing apparatus comprising:

at least a first filter flag formed of a first color, said first filter flag exhibiting along at least a portion of a length thereof, a first range of first color-saturation gradations in the first color;

at least a first filter-flag positioner for supportively positioning said at least first filter flag at least selectively at an angle offset from the axial direction of the light beam, said first filter-flag positioner for translating said first filter flag selectively to position a selected portion thereof in the light beam, a light-beam characteristic of the light beam dependent upon which, if any, portion of said first filter-flag forms the selected portion selectively positioned in the light beam.

2. (Original) The color-changing apparatus of claim 1 wherein said at least the first filter flag comprises said first filter flag and at least a second filter flag, said second filter flag of a second color and exhibiting, along at least a portion of a length thereof, a second range of second color-saturation gradations in the second color.

3. (Original) The color-changing apparatus of claim 2 wherein said at least first filter-flag positioner comprises said first filter flag positioner and at least a second filter-flag positioner, said second filter-flag positioner for supportively positioning said second filter flag at an angle offset from the axial direction of the light beam, said second filter-flag positioner for translating said second filter flag selectively to position a selected portion thereof in the light beam, the light-beam characteristic of the light beam further dependent upon which, if any, portion of said second filter-flag forms the selected portion of the second filter flag positioned in the light beam.

4. (Original) The color-changing apparatus of claim 3 wherein said at least second filter flag comprises said second filter flag and at least a third filter flag, said third filter flag of a third color and exhibiting, along at least a portion of a length thereof, a third range of third color-saturation gradations in the third color.

5. (Original) The color-changing apparatus of claim 4 wherein said at least second filter-flag positioner comprises said second filter-flag positioner and at least a third filter-flag positioner, said third filter-flag positioner for supportively positing said third filter flag at an angle offset from the axial direction of the light beam, said third filter-flag positioner for translating said third filter-flag selectably to a position a selected portion thereof in the light beam, the light beam characteristic of the light beam further dependent upon which, if any, portion of said third filter-flag forms the selected portion of the third filter flag positioned in the light beam.

6. (Original) The color-changing apparatus of claim 5 wherein the first color of which said first filter is formed comprises cyan, wherein the second formed comprises yellow, and wherein the third color of which said third filter is formed comprises magenta.

7. (Original) The color-changing apparatus of claim 1 wherein said at least the first filter-flag comprises a dichroic filter.

8. (Original) The color-changing apparatus of claim 1 wherein the first range of the first color-saturation gradations extend along the first filter flag to define a less saturated region of the first portion and a more saturated region, and wherein said first filter flag further comprises a second portion, the second portion exhibiting a first selected constant saturation level.

9. (Original) The color-changing apparatus of claim 1 wherein changes in the first color-saturation gradations extend in a linear direction along the at least the portion of the length said first filter flag.

10. (Original) The color-changing apparatus of claim 8 wherein said first filter flag further comprises a third portion, the third portion exhibiting a third selected constant saturation level.

11. (Original) The color-changing apparatus of claim 1 wherein the angle offset from the axial direction at which said first filter-flag positioner supportively positions said first filter flag comprises a substantially perpendicular angle, substantially perpendicular to the axial direction of the light beam.

12. (Original) The color-changing apparatus of claim 1 wherein said first filter flag positioner further comprises a linear translation actuator for actuating translation of said first filter flag to position the selected portion of said first filter flag in the light beam.

13. (Original) The color-changing apparatus of claim 12 wherein the linear translation actuator of said first filter flag positioner is selectively actuable in a first direction and in a second direction, reverse of the first direction.

14. (Original) The color-changing apparatus of claim 12 wherein said filter-flag positioner comprises a carrier frame, positionable about selected side surfaces of said first filter flag and wherein the linear translation actuator comprises an actuator having an actuation arm attached to a side of the carrier frame.

15. (Original) The color-changing apparatus of claim 1 wherein the light assembly comprises a first lens and a second lens spaced apart therefrom, the first lens and the second lens positioned in a path defined by the axial direction of the light beam, and wherein said first filter flag is positionable by said first filter-flag positioner between the first lens and the second lens.

16. (Original) A method for selectively changing a color of a light beam generated at a light source of a light assembly, the light beam generated in at least an axial direction, said method comprising:

supportively positioning at least a first filter-flag at least selectably at an angle offset from the axial direction of the light beam, the first filter-flag formed of a first color, and the first filter flag exhibiting along at least a portion of a length thereof, a first range of first color-saturation gradations in the first color; and

selectably positioning a selected portion of the at least the first filter-flag in the light beam, a light-beam characteristic of the light beam dependent upon which, if any, portion of the at least the first filter flag is positioned in the light beam.

17. (Original) The method of claim 16 wherein said operation of supportively positioning comprises supportively positioning a set of filter flags, formed of the first filter flag and at least a second filter flag, at the angle at least selectably offset from the axial direction of the light beam.

18. (Original) The method of claim 17 wherein said operation of selectably positioning comprises independently positioning any selected portion of any filter flag of the set of filter flags in the light beam.

19. (Original) The method of claim 17 wherein each filter flag of the set of filter flags is supportively positioned during said operation of supportively positioning at a common side of the light beam generated by the light source.

20. (Original) The method of claim 17 wherein at least one of the filter flags of the set of filter flags includes an opaque portion.

21. (Previously Presented) Apparatus for selectably altering characteristics of a light beam generated by a light source of a light assembly, said apparatus comprising:

a first filter flag having a first part and at least a second part, the first part of the said first filter flag exhibiting first color characteristics and the second part of said first filter flag exhibiting second color characteristics, any of the first part and the at least the second part of said first filter flag positionable in the light beam;

a second filter flag having a first part and at least a second part, the first part of said second filter flag exhibiting third color characteristics and the second filter flag exhibiting fourth color characteristics, any of the first part and the at least the second part of said second filter flag also positionable in the light beam, selection of which parts of said first and second filter flags, respectively, positioned in the light beam determinative of lighting characteristics thereof.

22. (Previously Presented) Color-changing apparatus for a light assembly having a light source that generates a light beam in at least an axial direction, said color-changing apparatus comprising:

a first lens positioned in-line with the light beam, said first lens for redirecting light energy of the light beam incident thereon in directions generally parallel to the axial direction of the light beam;

a filter flag formed of at least a first color supportively positioned at an angle direction offset from the axial direction of the light beam and in-line with the light beam, once redirected by said first lens, said filter flag for coloring the light beam; and

a second lens positioned in-line with the light beam, once colored by said filter flag, said second lens for shaping the light beam in a desired manner.

23. (New) A color-changing light apparatus comprising:

a light source producing a light beam in at least an axial direction;

an optical assembly comprising at least two lens groups positioned in a path defined by the axial direction of the light beam;

a single first filter formed of a single first color supported so as to be moveable across said light beam;

wherein said single first filter is positioned proximate to a hyperfocal region extending between the two lenses of the optical assembly.

24. (New) The apparatus of claim 23 wherein the first filter is of a first primary color.

25. (New) The apparatus of claim 23 wherein the first filter exhibits along at least a portion of its length thereof a first range of first color-saturation gradations in the color.

26. (New) The apparatus of claim 23 wherein at least a second filter formed of a single second color supported so as to be moveable across said light beam is additionally positioned between the two lenses.

27. (New) The apparatus of claim 26 wherein the second filter is of a second primary color.

28. (New) The apparatus of claim 26 wherein at least a third filter formed of a single third color is supported so as to be moveable across said light beam is additionally positioned between the two lenses.

29. (New) The apparatus of claim 28 wherein the third filter is of a third primary color.

30. (New) The apparatus of claim 28 wherein the three filters are serially arranged and, comprise, respectively, Cyan, Magenta and Yellow filters.

31. (New) The apparatus of claim 23 wherein the first filters comprises a dichroic filter.

32. (New) The apparatus of claim 23 wherein the light beam is soft focused and does not produce a defined image.

33. (New) The apparatus of claim 23 wherein the light beam is hard focused and produces a defined image.

34. (New) The apparatus of claim 28 wherein the first, second and third filter flags, respectively, all move across said light beam from the same side of the light beam.

35. (New) A color-changing light apparatus comprising:
a light source producing a light beam in at least an axial direction;
an optical assembly comprising at least two lens groups positioned in a path defined by the axial direction of the light beam;
a first filter flag formed of a single first color supported so as to be moveable across said light beam;
wherein said first filter is a single flag.

36. (New) The apparatus of claim 35 wherein the single first filter flag is of a first primary color.

37. (New) The apparatus of claim 35 wherein the single first filter flag exhibits along at least a portion of its length thereof a first range of first color-saturation gradations in the color.

38. (New) The apparatus of claim 35 wherein at least a single second filter flag formed of a single second color is supported so as to be moveable across said light beam is additionally positioned between the two lenses.

39. (New) The apparatus of claim 38 wherein the single second filter flag is of a second primary color.

40. (New) The apparatus of claim 38 wherein at least a single third filter flag formed of a single third color is supported so as to be moveable across said light beam is additionally positioned between the two lenses.

41. (New) The apparatus of claim 40 wherein the single third filter flag is of a third primary color.

42. (New) The apparatus of claim 40 wherein the three single filter flags are serially arranged and, comprise, respectively, Cyan, Magenta and Yellow filters.

43. (New) The apparatus of claim 35 wherein the single first filter flag comprises a dichroic filter.

44. (New) The apparatus of claim 35 wherein the light output is soft focused and does not produce a defined image.

45. (New) The apparatus of claim 35 wherein the light output is hard focused and produces a defined image.

46. (New) The apparatus of claim 35 wherein the first, second and third single filter flags all move across said light beam from the same side of the light beam.